



PATENT
Attorney Docket No. MOL-001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Sherman *et al.* CONFIRMATION NO.: 1975
SERIAL NO.: 10/750,521 GROUP NO.: 2825
FILING DATE: December 31, 2003 EXAMINER: Not yet assigned
TITLE: APPARATUS AND METHOD FOR INTEGRATING A PHYSICAL
MOLECULAR MODEL WITH A COMPUTER-BASED
VISUALIZATION AND SIMULATION MODEL

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the non-U.S. patent documents and non-patent publications are enclosed.

REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**
- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or

- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**
- ☐ the requisite Statement is below, **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

STATEMENT

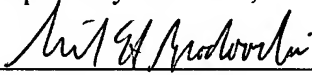
As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

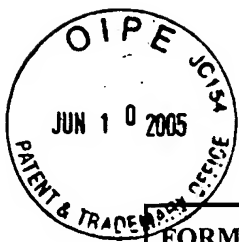
Date: June 6, 2005
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Respectfully submitted,



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FORM PTO - 1449				ATTORNEY DOCKET NO.: MOL-001			
INFORMATION DISCLOSURE STATEMENT				APPLICANT(S): Sherman <i>et al.</i>			
				SERIAL NO.: 10/750,521			
				FILING DATE: December 31, 2003			
				CONFIRMATION NO.: 1975			
				GROUP: 2825			
U.S. PATENT DOCUMENTS							
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A1.	4,275,449	06/23/1981	Aish			
	A2.	6,582,233	06/24/2003	Clark			
OTHER ART, JOURNAL ARTICLES, ETC.							
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)						
	C1.	Accelrys, "Insight II," 8 pages, visited December 30, 2003, http://www.accelrys.com/insight (document provided printed on January 13, 2005).					
	C2.	Accelrys, "Software for Pharmaceutical, Chemical, and Materials Research," 1 page, visited December 22, 2003, http://www.accelrys.com (document provided printed on January 13, 2005).					
	C3.	Anagnostou <i>et al.</i> , "Geometry-defining processors for engineering design and analysis," <u>The Visual Computer</u> , 5:304-315 (1989).					
	C4.	Chemistry, "WWU Virtual Molecular Model Kit," 4 pages, visited December 22, 2003, http://www.chem.wvu.edu/dept/vmolckit/molecule.htm (document provided printed on January 13, 2005).					
	C5.	Eisenberg <i>et al.</i> , "Computationally-Enhanced Construction Kits for Children: Prototype and Principles," <u>Proceeding of ICLS 2003 The Fifth International Conference of the Learning Sciences</u> , 79-85 (2002).					
	C6.	Ercim News, "The Virtual Glove Box-A-New I/O Device," 2 pages, visited December 22, 2003, http://www.ercim.org/publication/Ercim_News/enw46/seiler.html (document provided printed on January 13, 2005).					
	C7.	Good, "Participatory Design of a Portable Torque-Feedback Device," <u>CHI</u> , 439-446 (1992).					
	C8.	Kitamura <i>et al.</i> , "ActiveCube: A Bi-directional User Interface using Cubes," <u>IEEE</u> , 99-102 (2000).					
	C9.	NCSU Physics, "Molecular Model Kit," 2 pages, visited December 22, 2003, http://demoroom.physics.ncsu.edu/html/demos/504.html (document provided printed on January 13, 2005).					
	C10.	Raffle <i>et al.</i> , "Topobo," 3 pages, visited December 22, 2003, http://tangible.media.mit.edu/projects/topobo/topobo.htm (document provided printed on January 13, 2005).					
EXAMINER				DATE CONSIDERED			